Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Wednesday 15 Nov 2023 until 23:59 on Thursday 16 Nov 2023

Forecast Issued on Wednesday 15 Nov 2023 at 02:21

Confidence: High for generally unsettled conditions through into the weekend but lower for details, especially on Thursday with uncertainties over the track and depth of a low currently expected to move east across the south of England.

Headline for Wednesday 15 Nov 2023: Rather cloudy with occasional rain. Strong westerly winds easing

Mountain weather hazards on Wednesday 15 Nov 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain	Light rain	Dull	Dull	Cloudy
Precipitation probability					
30%	50%	50%	30%	20%	10%

Forecast for Wednesday 15 Nov 2023

Weather: A few spots of rain and drizzle through the early hours but also some clearer spells likely, especially in the east. Cloud thickens towards the end of the night with light rain and drizzle developing a little more widely before dying out through the late afternoon and evening, best of the brighter or clearer spells expected across eastern hills.

Chance of cloud-free hill tops above 600m: Around 40% in west, but nearer 75% in the east

Low cloud and visibility: Occasional or periods of cloud, but more persistent for a time through the late morning and early afternoon in the west, above 600m. Away from cloud visibility several kilometres in rain and drizzle, otherwise mainly good.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Wednesday 15 Nov 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	30/37 W	30/37 W	29/38 W	26/35 W	20/27 W	13/17 W	8/11 SW
300	24/31 W	25/32 W	23/32 W	20/29 W	16/24 W	10/15 SW	5/9 SW
Valley	15/31 W	16/32 W	16/33 W	14/29 W	10/22 W	6/14 W	3/9 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/-1	5/-2	5/-1	5/-1	5/-0	4/-0	3/0
300	7/2	7/2	8/3	7/3	7/4	6/3	5/3
Valley	8/4	7/4	8/4	8/5	8/5	7/5	5/4
Freezing Level*	1300m	1400m	1300m	1400m	1300m	1300m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts around 50mph over higher peaks at first. Significant chill effect on higher peaks through the day.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Wed 15 Nov 2023	11.8mm	17mm	23.2mm

Forecast for Thursday 16 Nov 2023

Weather: Mainly dry with clear spells overnight. Then a bright start but cloud increasing through the morning with outbreaks of occasionally heavy rain edging across the area by midday. Further persistent and occasionally heavy rain expected through the afternoon, the rain becoming more occasional through the evening.

Maximum wind: Southeasterly 20mph, perhaps increasing 25-35mph, with gales possible over higher peaks, developing through the morning, gradually backing northerly and easing through the evening.

Chance of cloud-free hill tops above 600m: Around 75% at first becoming close to zero by midday.

Low cloud and visibility: Occasional cloud above about 600-750m at first becoming periods or persistent above 450-600m, with patches below. Away from cloud visibility good or very good becoming just a few kilometres in heavier more persistent rain.

Temperature: **Valleys:** Around plus 3 or 4 Celsius at dawn rising to plus 8 or 9 Celsius by day
At 600m: Around plus 3 Celsius
Freezing level: Above the summits.

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